

TS TECTONICS AND STRUCTURAL GEOLOGY

Division on Tectonics and Structural Geology

Welcome to the 2021 TS Division Meeting

Stephan Mueller Medal 2021: Dietmar Müller



The 2021 Stephan Mueller Medal is awarded to Dietmar Müller for his invaluable contributions to the understanding of global plate tectonics, using open-source software and databases to advance understanding of changes in regional tectonics, sea level, topography, and atmospheric CO₂.

Long citation at:

<https://www.egu.eu/awards-medals/stephan-mueller/2021/r-dietmar-muller/>

The Stephan Mueller Medal committee 2020-21

Chair: Past TS president, Susanne Buiter



Members:



2017:
Cees Passchier



2018:
John Platt



2019:
Serge Lallemand



2020:
Mathilde Cannat

Ex-officio members: TS president Claudio Rosenberg and chair of the EGU awards committee Özgür Karatekin

The Stephan Mueller Medal committee 2021-22

Chair: Mary Ford



Members:

2018:
John Platt



2019:
Serge Lallemand



2020:
Mathilde Cannat



2021:
Dietmar Müller



Ex-officio members: TS president Paola Vannucchi and chair of the EGU awards committee Thomas Blunier

Outstanding Early Career Scientist 2021: Carolyn J Boulton



The 2020 Division Outstanding Early Career Scientist Award is awarded to Carolyn Boulton for her outstanding research in the understanding of chemical-mechanical interactions during fault slip and the comparison of microstructures developed in experimental and natural samples.

Long citation at:

<https://www.egu.eu/awards-medals/arne-richter/2021/carolyn-j-boulton/>

TS Division OECSA committee 2020-2021

Chair: TS president, Claudio Rosenberg



Members: Last four awardees



2017:
João Duarte



2018:
Fabio Corbi



2019:
Daniel Pastor Galan



2020:
Christoph von Hagke

TS Division OECSA committee 2021-2022

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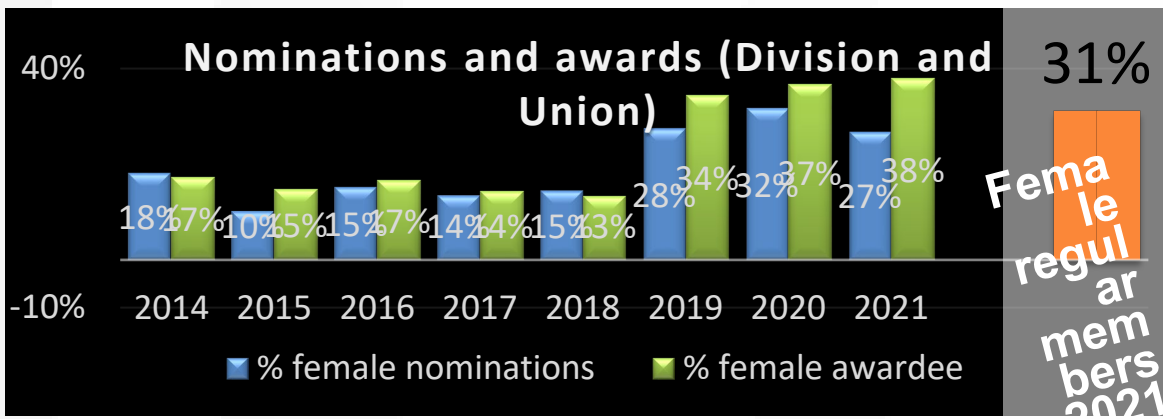


2021:
Carolyn Boulton

**Please find a moment to select and
nominate colleagues for the
TS medals and for the OECS award!**

Dead-line is 15th of June

<https://www.egu.eu/awards-medals/nominations/>



Over the past years the fraction of awards and medals obtained by women has increased. This is due to the increase in nominations.

Please find a moment to select and nominate colleagues for the TS medals and for the OECS award!

Dead-line is 15th of June

<https://www.egu.eu/awards-medals/nominations/>

	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	1 page	½ page
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 (maximum 1 page each)	none

TS Division Medals:

Every year the TS Division will award one of the two medals below starting from the GA 2022:

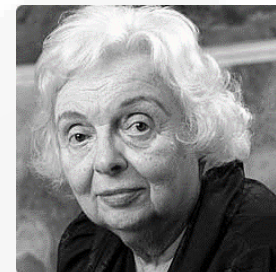
- the **Stephan Mueller Medal**

It is awarded to scientists in recognition of their outstanding contributions to the discovery of the structure of the lithosphere and interdisciplinary approaches to the understanding of plate tectonics.



- the newly coined **Marie Tharp Medal**

It is awarded to scientists in recognition of their outstanding contributions to the discovery of the structure of the ocean floors and plate tectonic processes.



TS 2020-2021 officers

■ President:

Claudio Rosenberg



■ Deputy-president:

Paola Vannucchi



■ Programme officers:



Philippe Yamato



Zoe Mildon



Lucilla Benedetti



Florian Fuisseis



Bernhard Grasmann

■ OSPP:

Fabrizio Balsamo



■ ECS Rep.:

David Fernández-Blanco



■ Media:

Silvia Brizzi



■ Blog:

Hannah Davies



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Paola Vannucchi



■ Deputy-president:

Claudio Rosenberg



■ Programme officers:



Zoe Mildon



Sean Willett



Luca Menegon



Bernhard Grasmann

■ OSPP:

Chiara
Del Ventisette



■ ECS Rep.:

David
Fernández-
Blanco



■ Media:

Silvia
Brizzi



■ Blog:

Hannah
Davies



ECS team and activities

Early Career Scientists TS Team

Blog Team



Hannah Davies
Lead Blog editor

Elenora van Rijsingen; Anouk Beniest; Samuele Papeschi; Derya Güner; Anne Pluymakers; David Fernández-Blanco; TS Must-Read team...

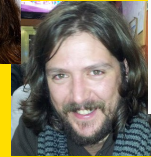
Features from the Field



Geology in the City



Beyond Tectonics



Must-Read papers



Women in TS

Media Team



Silvia Brizzi
Lead Media manager

Arnab Roy; Sonny Aribowo; Xiong Ou



Monday post



Friday jobs



Must-Read comm

David Fernández-Blanco
TS ECS Repr.
Barcelona Center of Subsurface Imaging (CSIC-ICREA, SP)

Activities Team



David Fdez-Blanco
Lead Activities manager

Gianluca Frasca; Silvia Crosetto; Patricia Cadenas; Armin Dielforder; Bobola Akintomide; Adriana Guatame-Garcia; Benoit Petri; Marta Marchegiano...



TS Must-Read papers, SC & more...



search: TSdivision



@EGU_TS



ts@egu.eu

Highlights from #shareEGU20 and/or during the year

Keeping the community engaged with meaningful telematic activities: Women in TS; Must-Read papers

Engaging with an active community

Twitter (>1300 followers)

Facebook (>3000 friends)

Blog (800-1000 unique views/week)

Three new members in Media Team: Arnab Roy, Sonny Aribowo & Xiong Ou

New ECS Rep system/rota (next slide):
Main, incoming and shadowing representative

Plans for #vEGU21 and beyond

6 SC; 1 GDB; 1TM; 1EOS at #vEGU21
(most by A. Beniest)

How to get involved in EGU; How to navigate EGU; Mind your Head; Combat discrimination; Careers in/out academia; Geology 101; Publication experiences; Bullying in academia; EDI in academia

Actions to enlarge community involvement

- a. TS Must Read papers
- b. 2 fieldwork activities (hopefully!)

Pushing the change for better EGU-Wide communication & ECS team visibility

JOIN US!! More ECSs needed to ROCK the Tectonic & Structural Geology community!



search: TSdivision



@EGU_TS



ts@egu.eu

Co-representative
Silvia Crosetto



Main Representative

David Fernández-Blanco



Yearly rota
Parity & EDI

Shadowing representative
Gino de Gelder



New representatives
Yearly calls before GAs!



search: TSdivision



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ts@egu.eu

Some highlights from the GA2021 programme

Mon 19 Apr	Tue 20 Apr	Wed 21 Apr	Thu 22 Apr	Fri 23 Apr
	Great Debate	Great Debate	Great Debate	Union Symposia
	Medal lecture			Medal Lectures
Icebreaker				
Union Symposia	Union Symposia	Union Symposia	Great Debate	Great Debate
EGU Pride		Meet the TS ECS rep		Medal Lecture
	NET - TS ECS			

Mon 26 Apr	Tue 27 Apr	Wed 28 Apr	Thu 29 Apr	Fri 30 Apr
vPico	vPico	vPico	vPico	vPico
Pride coffee	vPico	vPico	vPico	vPico
TS Division Meet.		TS-Event for all		
Great Debate	vPico	vPico	vPico	vPico
	Tectonika Open Discussion	Meet the TS ECS rep	Meet the TS ECS rep	
	NET - ECS EGU	Game night		

Great Debate to follow:

GDB1

Challenging discrimination in the geosciences: amplifying unheard voices

Convener: Helen Glaves | Co-conveners: Hazel Gibson, Claudia Jesus-Rydin

Mon, 26 Apr, 15:00–16:30 (CEST)

Some TS Program abstract statistics

TS Division:

795 abstracts in TS lead-sessions (750 in 2019)

1461 abstracts including co-organized sessions (1543 in 2019)

ALL EGU:

- **18,052** abstracts in programme | +11.1% relative to 2019
- 702 unique scientific sessions
- 440 out of 702 scientific sessions are co-organized (62.7%), thereof 37 ITS

Monday and tuesday, 1967 « users » attended the TS chats!

How do we build the program?

Bottom-up – your input is extremely important!

- ‘Skeleton’-program: June
- **Open call-for-sessions: June to September**
- First session program (October)
- Call-for-abstracts
- Session merges... (January)
- Final session program (February)

How do we build the program?

Please consider that it is VERY (!!) easy to propose a session...but it implies possible later session merges...

Check what has already been proposed before proposing new sessions.

And...the GA is 5 days long from 08.30 on Monday to 19.00 on Friday. Sessions on monday morning or Friday afternoon are not punishments, just part of the official program!

Equality, Diversity, and Inclusion Working Group



Established in autumn 2018, the working group is now fully working.
Refer to Claudia Alves de Jesus-Rydin edi@egu.eu

Equality, Diversity and Inclusion (EDI) Events at vEGU21

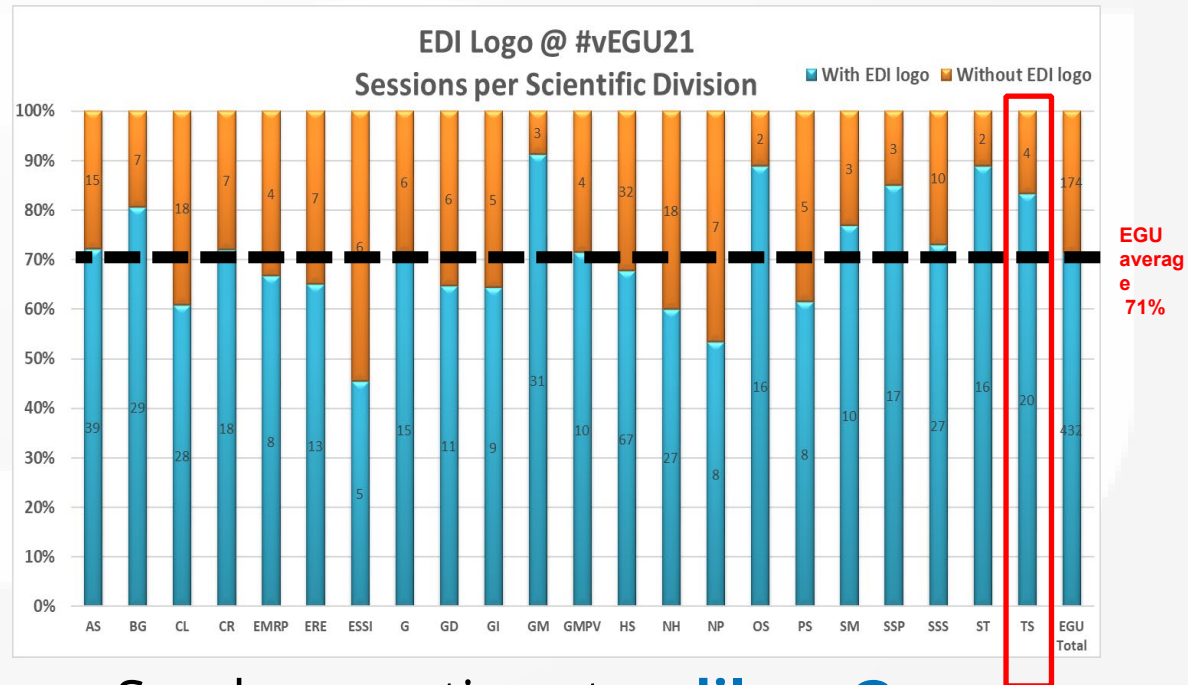
- SC2.8 Promoting Diversity in Geosciences | 19 Apr 10:00 – 11:00 CEST
- SC2.9 Practical Recommendations on how to combat discriminatory work environments in the Geosciences | 19 Apr 14:30 – 15:30 CEST
- EOS5.1 Promoting and supporting equality, diversity and inclusion in the geosciences | 26 Apr 11:00 – 14:15 CEST
- GDB5 Bullying in Academia: towards creating a healthy and safe working environment (ECS Great Debate) | 22 Apr 09:00 – 10:30 CEST
- GDB1 Challenging discrimination in the geosciences: Amplifying unheard voices | 26 Apr 15:00 – 16:30 CEST
- NET0 Picture a Scientist Film Screening | 24 - 26 Apr
- EDI Networking Event | 26 Apr 17:00 – 17:30 CEST
- EGU Pride | 19 Apr 17:30 – 19:00 CEST
- EGU EDI Colouring Book



EDI Logo

Session conveners fulfill all three criteria:

1. Include conveners from **multiple countries and institutes**
2. Have conveners from **different career stages**, including at least one ECS
3. Include conveners that represent **more than one form of gender identity**



Send suggestions to: edilogo@egu.eu

Solid Earth is EGU's journal addressing topics of many divisions



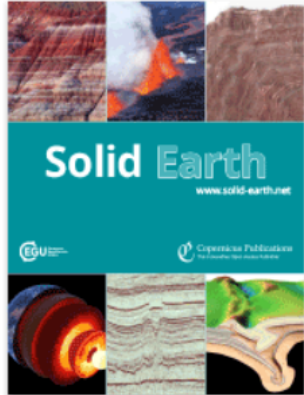
INTERACTIVE PUBLIC PEER REVIEW



ARTICLE LEVEL METRICS

Executive editors: CharLotte Krawczyk (chief executive editor), Susanne Buitert, Joachim Gottsmann, Federico Rossetti & Arjen Stroeven


Solid Earth (SE) is a not-for-profit journal that publishes multidisciplinary research on the composition, structure, and dynamics of the Earth from the surface to the deep interior at all spatial and temporal scales.



 Clarivate™ IF 2.921

 Clarivate™ IF 5-year 3.087

 Scopus® CiteScore 4.8

 h5-index 35

open access as basic principle
interactive discussion papers

Enter the journal through 4 thematic groups

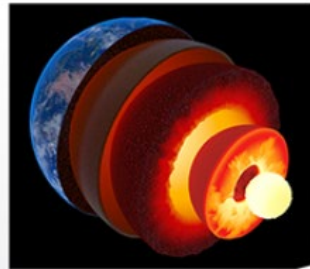
Tectonic plate interactions, magma genesis, and lithosphere deformation at all scales



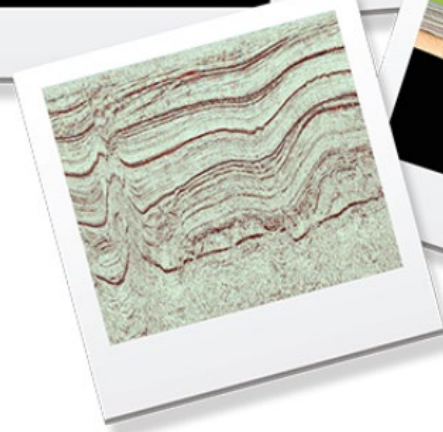
The evolving Earth surface: erosional, sedimentary, morphotectonic, and volcanic processes



Core and mantle structure and dynamics



Crustal structure and composition



**Hope to meet you non-virtually
at the next GA in Vienna in 2022**

3-8 April 2022

Thank you and enjoy the meeting!